

in Col. Brit. Isl. and determined by M. Bedel; above the label *reichei*, Gyll., three specimens of the real *S. reichi*, all of them with the scaling of the elytra abraded to an extent which would justify Bedel's phrase, "condensées par places;" above the labels 2483 *jungermanniæ*, Reich, 2484 *cicur*, Reich, and 2485 *pygmæus*, Curt., cut from Sharp's Catalogue of 1871, four examples of *S. cæcus*, Reich (two of them being the material on which his figure of *S. reichei*, l. c., was based), and one very abraded specimen of the real *jungermanniæ*, Reich. It appears, therefore, that the author's views have been modified since his account of *Smicronyx* in Col. Brit. Isl. was written, and that he has properly discarded var. *championis*, a name which he applied to the real *S. reichi* at a time when he considered specimens of *S. cæcus* to represent the true *reichei*. He also put in the box thirteen specimens of *Smicronyx* from Chobham and Woking, ex coll. E. Saunders, but as these had been simply gummed on card without any pretence at setting, they did not, with the exception of one fresh well-clothed *jungermanniæ*, Reich, admit of determination. It is clear that if records of the British distribution of *Smicronyx* are to have any value whatever they will have to be worked out *de novo*.

Mr. Champion's specimens of *S. jungermanniæ* were mostly taken on "dodder," in heathy places (Bournemouth, Woking, Esher, Shirley, &c.) and on the chalk (Mickleham, Caterham, Guildford, &c.).

Colesborne, Cheltenham :

May 4th, 1910.

#### DESCRIPTION OF TWO NEW SPECIES OF THE LONGICORN GENUS *PENTOMACRUS*.

BY MALCOLM CAMERON, M.B., R.N., F.E.S.

##### *Pentomacrus serratus*, n. sp.

Reddish-testaceous, head and thorax dull, very obsoletely and diffusely punctured, the latter much longer than broad, slightly rounded at the sides. Elytra rather shining, coarsely and thickly punctured, less so at apex. Anterior femora armed with a tooth, middle and posterior femora armed with a strong tooth, the posterior edge of the tooth on the hinder femora being finely but distinctly serrated for its whole length. Anterior and middle tibiæ slightly, posterior distinctly, sinuated. Legs and antennæ reddish-testaceous.

In general appearance most like a small *P. fasciatus*, Gahan, but differs in the puncturation of the thorax, the absence of elytral bands, the well marked serrated edge of the posterior femoral tooth and the sinuated posterior tibiæ. Length, 5 mm.

Taken by sweeping near Port au Prince, Haiti, in February, 1908.  
Type in my Collection.

*Pentomaerus distinctus*, n. sp.

Testaceous, rather shining. Head shallowly punctured, slightly infusate on the front. Thorax almost cylindrical, much longer than broad, with shallow puncturation, disc marked on either side with ill-defined ferruginous spot. Elytra shining testaceous, rather coarsely punctured, each marked with two ferruginous bands, one situated before the middle and convex backwards, the other placed behind the middle and slightly convex forwards, each pair meets its fellow at the suture. Antennæ and legs testaceous, all the femora armed with a tooth, that of the middle and posterior, larger and having the posterior edge of the tooth on the hinder femora serrated. All the tibiæ distinctly sinuated. Length, 5 mm.

Taken by sweeping near Port au Prince, Haiti, in February, 1908.  
Type in my Collection.

The following Table should serve to discriminate the species at present known:—

A.—Posterior tibiæ sinuated.

1. Posterior edge of posterior femoral tooth not serrated.

- a. Thorax more diffusely punctured, elytra mottled with purplish-brown spots.....*scambus*, Newm.\*  
a'. Thorax closely punctured, elytra with two transverse bands, one behind shoulders, one before apex.....*dentipes*, Ol.†

2. Posterior edge of hinder femoral tooth serrated.

- a. Colour reddish-testaceous, thorax dull, very obsolete punctured, no definite bands on the elytra.....*serratus*, n. sp.  
a'. Testaceous, thorax shining, distinctly punctured, each elytra marked with two distinct bands.....*distinctus*, n. sp.

B.—Posterior tibiæ not sinuated.

1. Size larger (12 mm.), thorax marked with black at anterior margin and sides in front. Elytra marked with three well-defined transverse dark brown bands .....*femoratus*, F.  
2. Size smaller (7-10 mm.), thorax without markings, three obscure transverse elytral bands .....*fasciatus*, Gahan.

February, 1910.

\* This insect was removed from Newman's genus *Curius* and placed by Leconte and Horn (Col. North America, p. 289) in Dejean's *Plectromerus*. As the latter author has given no characteristics of the genus and the insect falls naturally into White's *Pentomaerus* (Longicorn viii, 2, 1855, p. 297) I have accordingly included it in the Table.

† Henshaw, Cat. Col. North America, 1885, p. 97, sinks *scambus*, Newm., as a synonym of *dentipes*, Ol. The insect in the British Museum Collection standing under the latter name is quite distinct from the type of Newman's *scambus* in that Collection. Olivier's description and figure, although the latter is poor, would apply to the insect named *dentipes*, Ol., in the B. M. Collection, but would not apply to *scambus*, the elytra of which are said to be, "profunde puncta, luteola fusco varia" (The Entomologist, March, 1841, p. 79), whilst Olivier's description of *dentipes* reads, "elytris fasciis duabus fuscis" (Ent. iv, 70, p. 29).